

Converting Colors

Decimal(6646250)

Have a look what the booklet for
Decimal(6646250) contains.

Decimal(6646250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6646250)

Conversions

Conversions Part 1

Format	Color
Hex	6569EA
RGB	101, 105, 234
RGB Percent	40%, 41%, 92%
CMY	0.6039, 0.5882, 0.0824
CMYK	0.57, 0.55, 0.00, 0.08
HSL	238°, 76%, 66%
HSV	238°, 57%, 92%
XYZ	25.2697, 18.8104, 80.1408
YIQ	118.5100, -43.7930, 39.2710

Conversions

Conversions Part 2

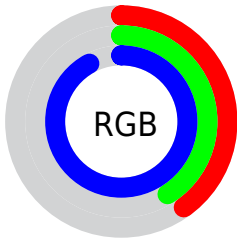
Format	Color
R _Y B	101, 105, 234
Decimal	6646250
CIE Lab	50.46, 35.02, -65.98
CIE LCh	50, 74.701, 297.958
Yxy	18.8104, 0.2034, 0.1514
Android (android.graphics.Color)	4284836330 (0xFF6569EA)
YUV	118.5100, 56.9366, -15.3563
Hunter-Lab	43.3709, 28.1024, -79.1965

Details

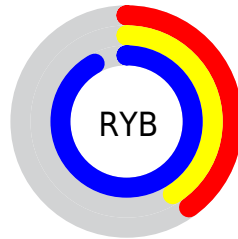
The Decimal color **6646250** is a dark color, and the websafe version is hex **6666FF**. A complement of this color would be **15394405**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **10591487**, and **1718961** is the 20% darker color. If you saturate the color by 10%, you get **5133034**, and if you desaturate by 10%, it is **8159466**.

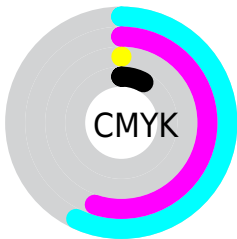
Distribution



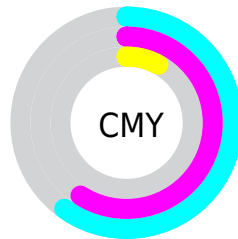
- Red (40%)
- Green (41%)
- Blue (92%)



- Red (40%)
- Yellow (41%)
- Blue (92%)



- Cyan (57%)
- Magenta (55%)
- Yellow (0%)
- Black (8%)



- Cyan (60%)
- Magenta (59%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6646250 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 6646250 by changing the saturation by 10% instead.

■ 6646250

■ 6646250

16777215

■ 4542925

■ 10591487

■ 1718961

■ 12564479

■ 9366

■ 14537727

■ 4475

■ 16576511

■ 98

■ 2377

■ 1073

■ 283

■ 0

■ 6646250

■ 6646250

■ 5133034

■ 8159466

■ 3554538

■ 9737962

■ 2041322

■ 11251178

■ 462570

■ 12829930

■ 2026

■ 14342890

■ 15856106

■ 16777194

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33529



6646250



12469437

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6646250



12933120



37746

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6646250



15394405

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36654



6646250



9794560

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6646250



14758721



5735680



37810

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6646250



14363285



5735680



37467

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6646250



13948415



6679270



6711168



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6646250



5396479



10708458



6974069



1461



566

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15361385



16732759



11332197



7694954



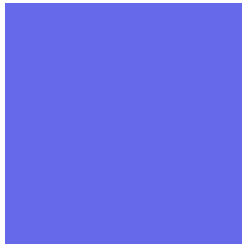
11862021



3538946

Previews

White Background



This preview shows how the Decimal color 6646250 looks on a white background.

Color Contrast Check

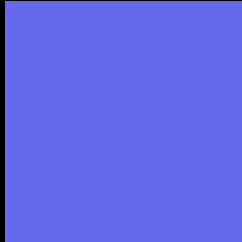
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 6646250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

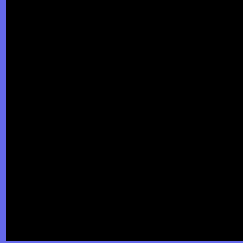
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6646250 Background



This preview shows how black text looks on a background with the Decimal color 6646250.

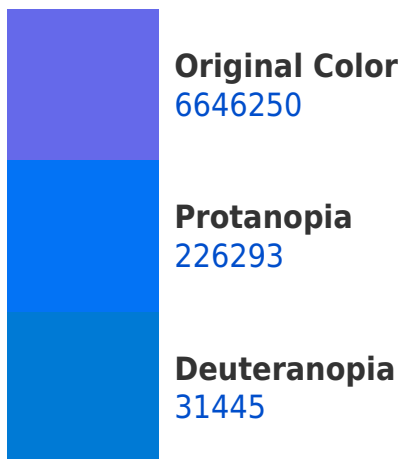


This preview shows how white text looks on a background with the Decimal color 6646250.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
4227468

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6646250 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6569EA looks like.

```
.text, #text, p{  
    color:#6569EA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6569EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6569EA
}
```

Border

The CSS property to change the border of an element to Decimal 6646250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

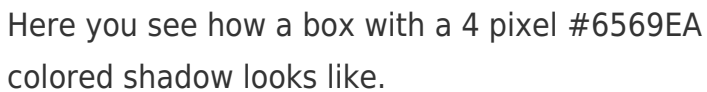
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6569EA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6569EA }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #6569EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6569EA; -webkit-box-shadow:4px 4px  
4px 4px #6569EA; box-shadow:4px 4px 4px  
4px #6569EA }
```

Background

The CSS property to change the background color of an element to Decimal 6646250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6569EA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6569EA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor